

**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM**

LISTING SERVICE

LISTING No. 7170-1657:195

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CATEGORY: Control Unit (High-Rise)

LISTEE: GE Security, Inc., 8985 Town Center Parkway, Bradenton, FL 34202
Contact: Jewell Micochero (941) 739-4358 FAX (941) 308-8123

DESIGN: Model EST-2, EST-2R, EST2-6 and EST2-6R fire alarm control units. Non-coded; automatic, manual, local, auxiliary, remote station, central station, proprietary, waterflow and sprinkler supervisory service. The system is modular in construction and can be expanded by adding modules. System components:

2-CAB/240424	Enclosure
2-MCM/130290	Main Control Module
2-MCMN	Main Control Module
2-PPS/130339	OEM Power Supply
2-LCD/130274	Display/Switch Module
2-LCX/130313	Expansion Loop
RPM/130090	Reverse Polarity Module
MTM/130127	Coder Module
IOP-3, -3A/130117	Isolated RS-232 Module
2-16R/130328-01	16 Red LED Annunciator
2-16Y/130328-00	16 Yellow LED Annunciator
2-16G/130328-02	16 Green LED Annunciator
2-16R8S/130328-06	16 Red LED/8 Switch Annunciator
2-8RYS/130328-05	8 Red/Yellow LED/8 switch Annunciator
2-8RY/130328-03	8 Red/Yellow LED Annunciator
2-12R4Y/130328-04	12 Red/4 Yellow LED Annunciator
2-16Y8S/130328-07	16 Yellow LED/8 Switch Annunciator
2-CTM/140378	City Tie Module
2-SAN-COM-R/240601	Remote Control Module
2-CMDN-C/240695, 1577	Annunciator
SAN-CPU	Annunciator Module
2-CMDN/240600	Remote Annunciator
2-SMDN/240696	Remote Annunciator
2-SMDN-C/240697	Remote Annunciator
2-PPS-6	Power Supply
DL2	Dial Module
2-WB(R), 2-WBS(R)	Enclosure
2-ACAB	Audio Enclosure
2-SMK	Smoke Detector Module
APS8B	Auxiliary Power Supply

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2-AAC	Audio controller
2-MIC	Paging Microphone
2-TEL	Firefighters Telephone
2-WB3(R)	Long Wallbox
2-WB7(R)	Double Wide Wallbox
RACCR	Remote Audio Closet Cabinet
SIGA-AA30, -AA50	Amplifier
SIGA-APS	Auxiliary Power Supply
2-MCD	Main Control Module
2-WB3D	Door for 2-WB3
2-WB7D	Door for 2-WB7
RACCDR	Door for RACCR
2-ISO	RS-485 Isolator Module
2-DLM	Data Line Monitor Module
2-WBD, -WBDR, -WBDSR	Enclosure Door
2-WB3D/DF, -WB7D/DF	Enclosure Door
PT1-S	System Printer
PT1-P	System Printer Parallel
2-LKF(R), 2-DKF(R)	Trim Kit

INSTALLATION: In accordance with listee's printed installation instructions, NFPA 72, applicable codes & ordinances, and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as fire alarm control unit suitable for high rise applications when used with separately listed compatible initiating and indicating devices.

These control units can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal as required per NFPA 72, 1999 Edition.

- NOTE:**
1. For **Fire Alarm Verification Feature**, the maximum retard/reset/restart period shall not exceed 30 seconds.
 2. Formerly 7170-1591:195 and 7170-1388:220

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This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 26, 2006**

*Listing Expires **June 30, 2007***

Authorized By: **DIANE K. AREND**, Senior Deputy
Program Manager